Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
Data File : BG031796.D
Acq On : 27 Dec 2017 14:51
Operator : SJ/JU
Sample : I7019-01RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 28 07:16:49 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	40689	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	172675	20.00	ng		-0.03
38) Acenaphthene-d10	15.43	164	123819	20.00	ng		-0.03
63) Phenanthrene-d10	18.16	188	339170	20.00	ng		-0.04
75) Chrysene-d12	22.51	240	423893	20.00	ng		-0.06
86) Perylene-d12	26.26	264	453230	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	152623	68.32	ng		-0.02
7) Phenol-d6	7.91	99	339935	117.20	ng		-0.02
23) Nitrobenzene-d5	10.00	82	209502	91.62	ng		-0.03
41) 2,4,6-Tribromophenol	16.91	330	132002	69.87	ng		-0.03
44) 2-Fluorobiphenyl	14.06	172	655289	66.43	ng		-0.03
78) Terphenyl-d14	20.70	244	1172024	63.17	ng		-0.04
Target Compounds							Qvalue
9) Benzaldehyde	8.32	77	4619	2.645	ng		93
10) Phenol	7.93	94	14151	4.833	ng		97
19) n-Nitroso-di-n-propylamine	10.00	70	27976	14.124	ng	#	71
49) Dimethylphthalate	14.86	163	91979	8.432	ng		99
56) 2,4-Dinitrotoluene	15.43	165	16228	6.289	ng	#	20
64) 4,6-Dinitro-2-methylphenol	16.90	198	161	8.386	ng	#	18
66) 4-Bromophenyl-phenylether	16.91	248	10194	2.078	ng	#	1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

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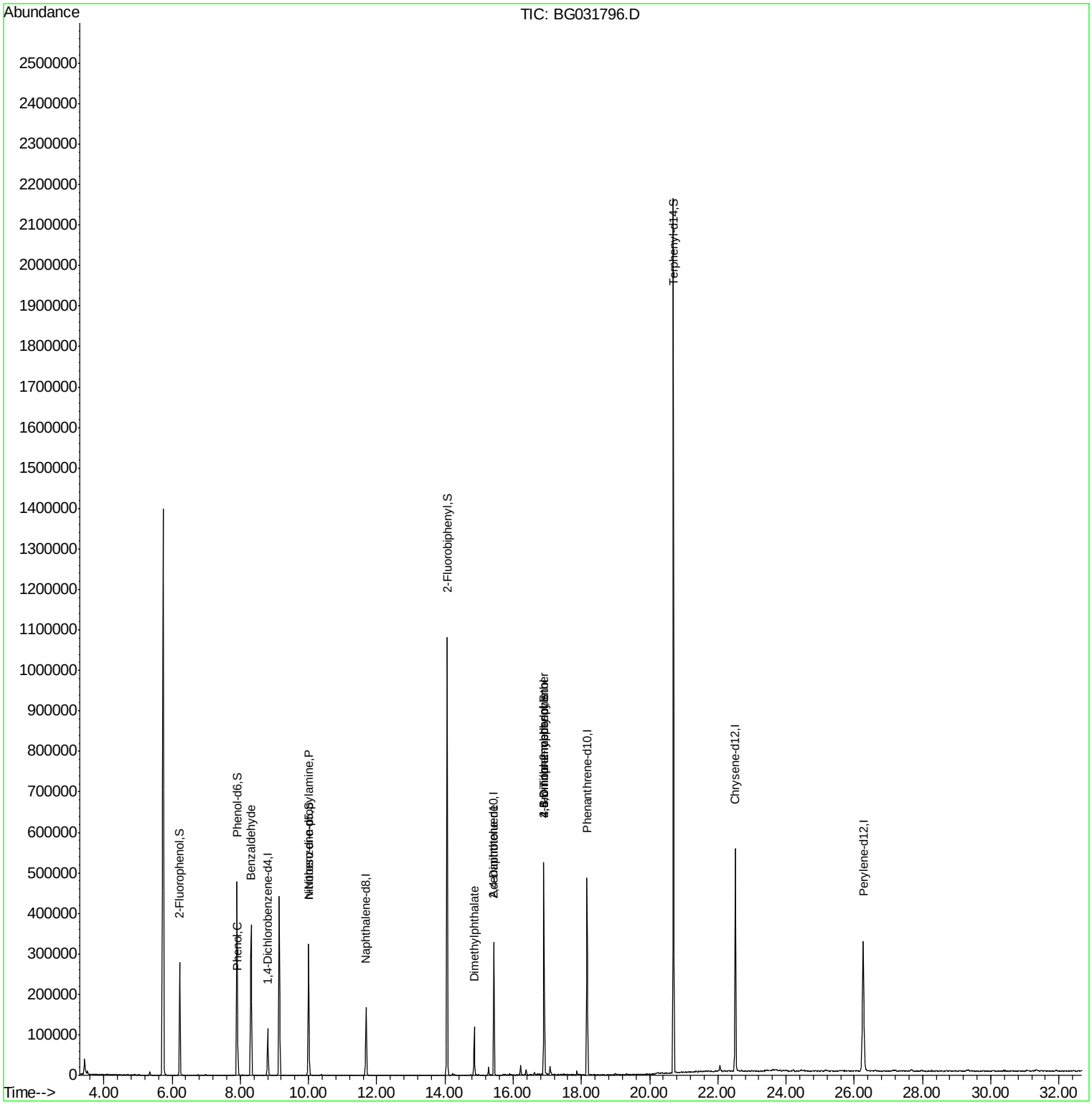
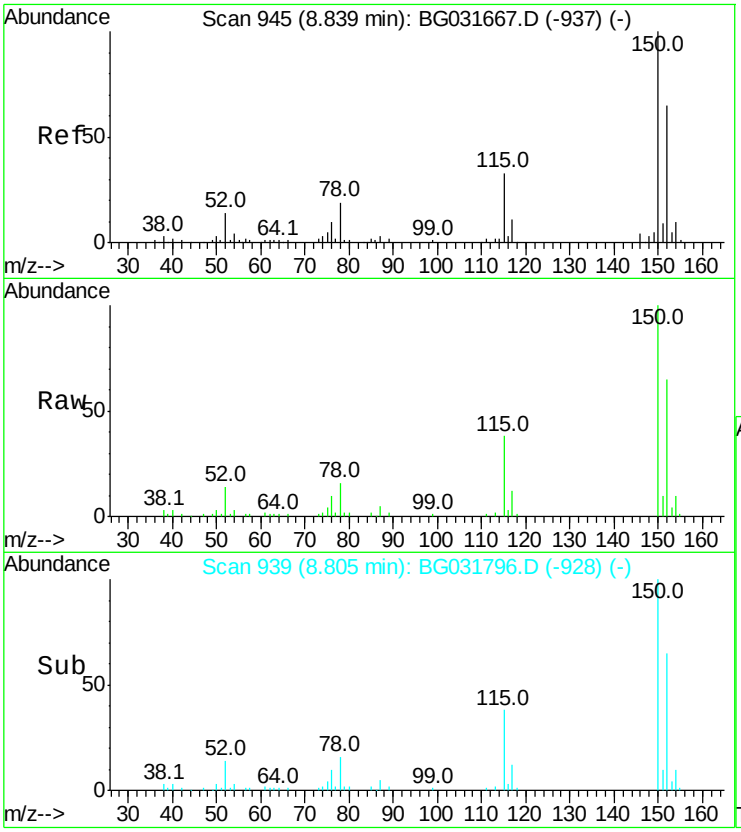


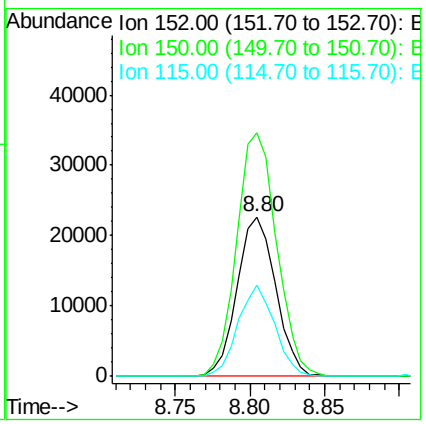


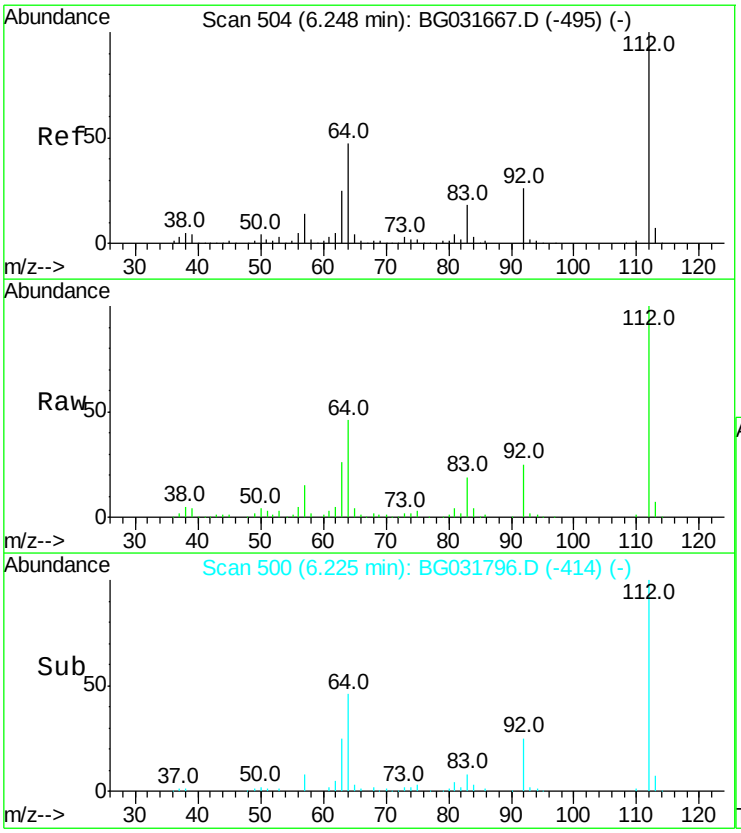
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031796.D
Acq: 27 Dec 2017 14:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 40689

Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.6	189.8
115	57.5	53.0	79.4

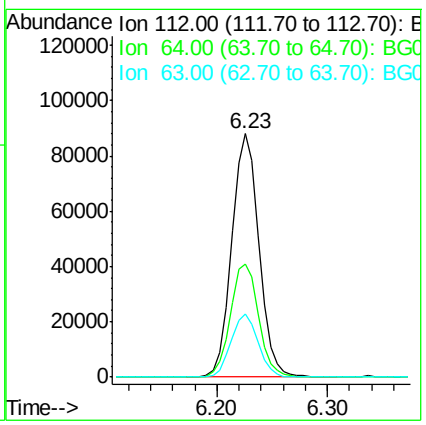


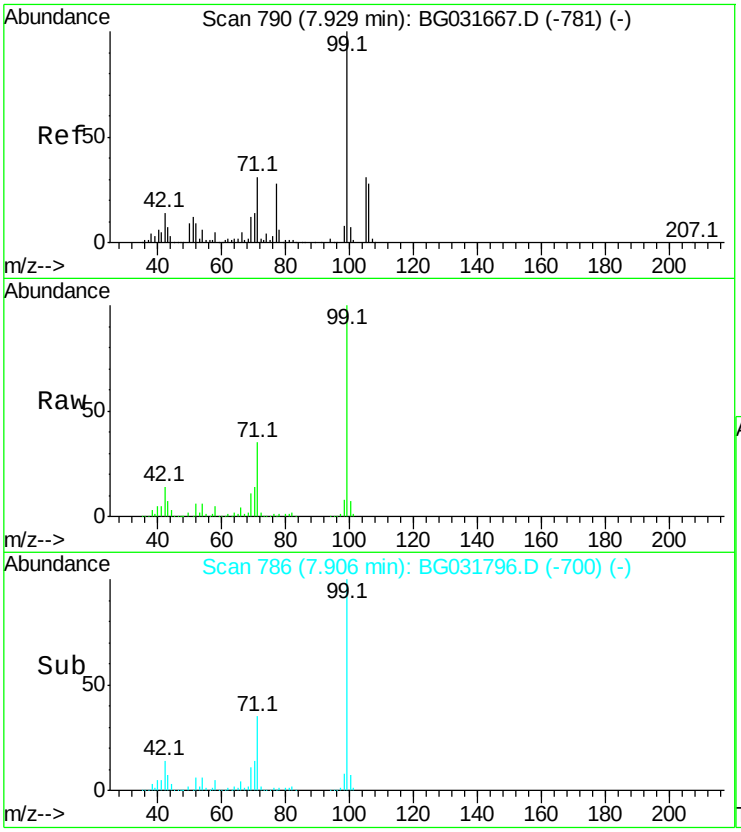


#5
2-Fluorophenol
Concen: 68.319 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031796.D
Acq: 27 Dec 2017 14:51

Tgt Ion:112 Resp: 152623

Ion	Ratio	Lower	Upper
112	100		
64	46.3	56.3	84.5#
63	25.9	30.1	45.1#



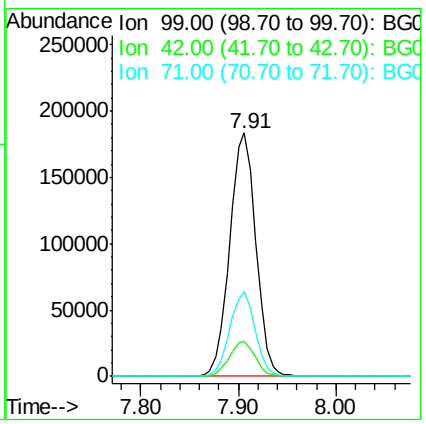


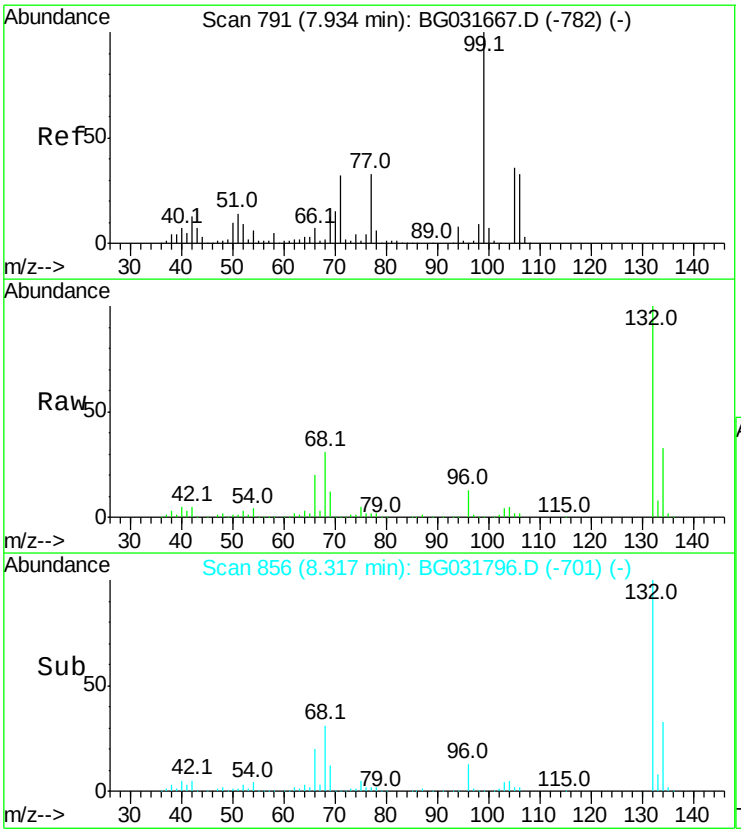
#7
Phenol-d6
Concen: 117.202 ng
RT: 7.91 min Scan# 786
Delta R.T. -0.02 min
Lab File: BG031796.D
Acq: 27 Dec 2017 14:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 339935

Ion	Ratio	Lower	Upper
99	100		
42	14.1	14.1	21.1
71	34.9	26.1	39.1

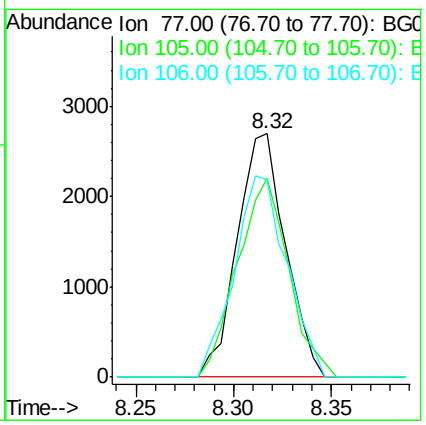


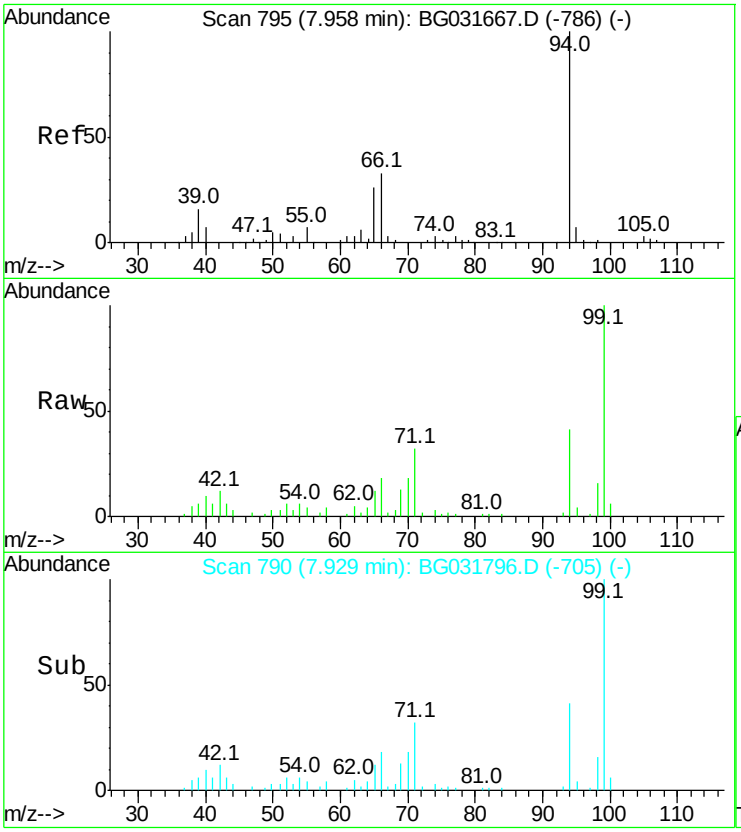


#9
Benzaldehyde
Concen: 2.645 ng
RT: 8.32 min Scan# 856
Delta R.T. 0.38 min
Lab File: BG031796.D
Acq: 27 Dec 2017 14:51

Tgt Ion: 77 Resp: 4619

Ion	Ratio	Lower	Upper
77	100		
105	81.7	71.3	111.3
106	81.1	64.2	104.2



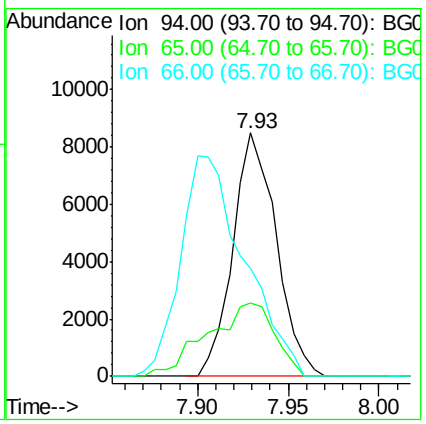


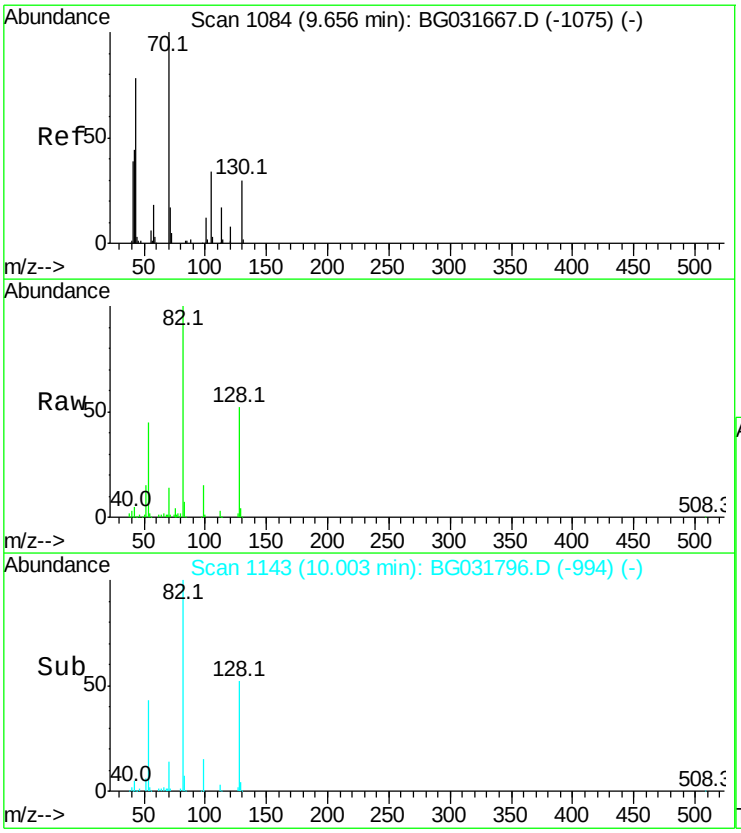
#10
Phenol
Concen: 4.833 ng
RT: 7.93 min Scan# 790
Delta R.T. -0.03 min
Lab File: BG031796.D
Acq: 27 Dec 2017 14:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 14151

Ion	Ratio	Lower	Upper
94	100		
65	30.2	11.9	51.9
66	44.5	22.2	62.2

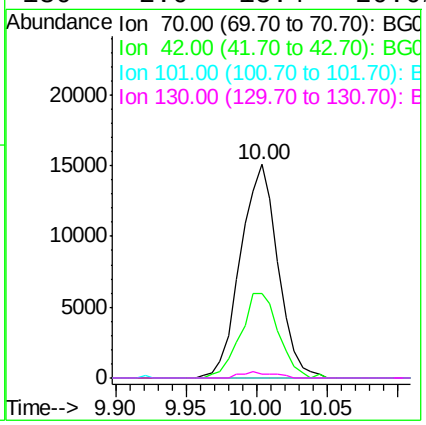


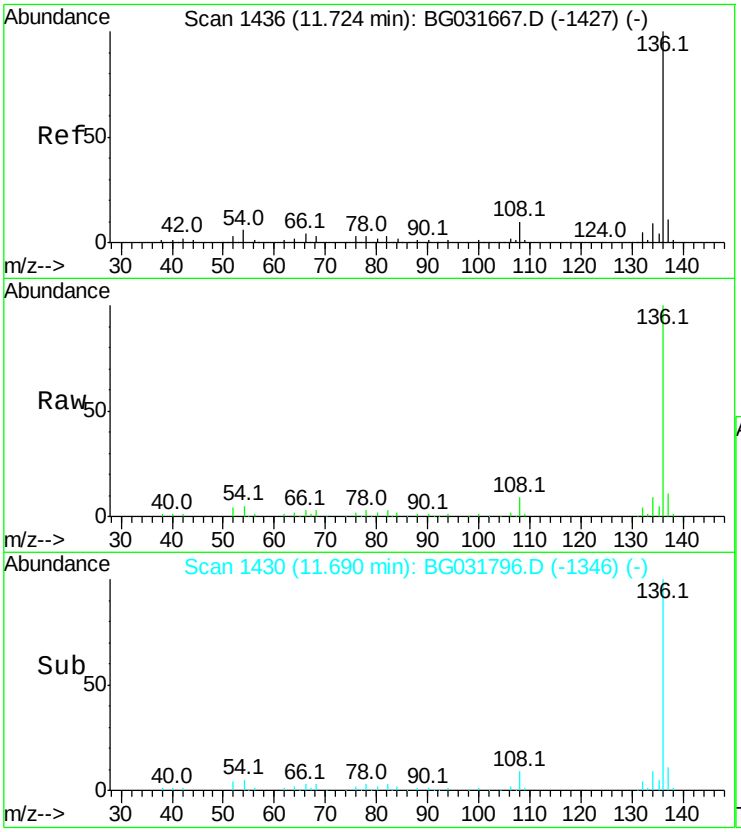


#19
n-Nitroso-di-n-propylamine
Concen: 14.124 ng
RT: 10.00 min Scan# 1143
Delta R.T. 0.35 min
Lab File: BG031796.D
Acq: 27 Dec 2017 14:51

Tgt Ion: 70 Resp: 27976

Ion	Ratio	Lower	Upper
70	100		
42	39.6	49.1	73.7#
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#



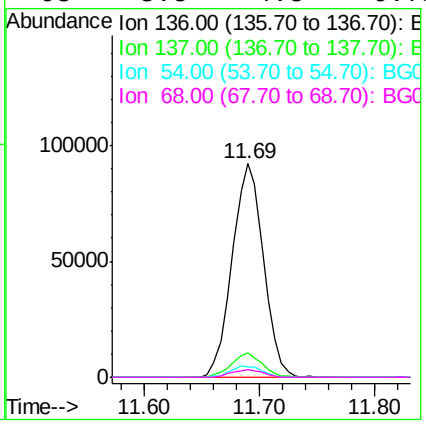


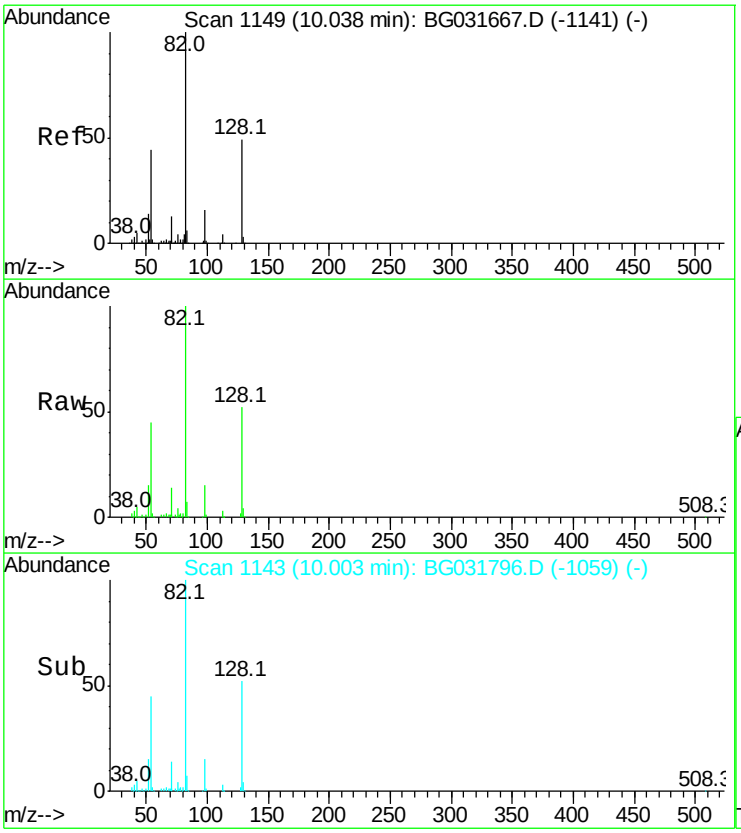
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031796.D
Acq: 27 Dec 2017 14:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 172675

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	5.1	10.3	15.5#
68	3.5	4.5	6.7#

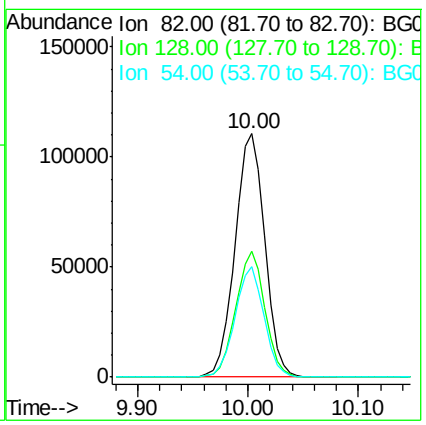


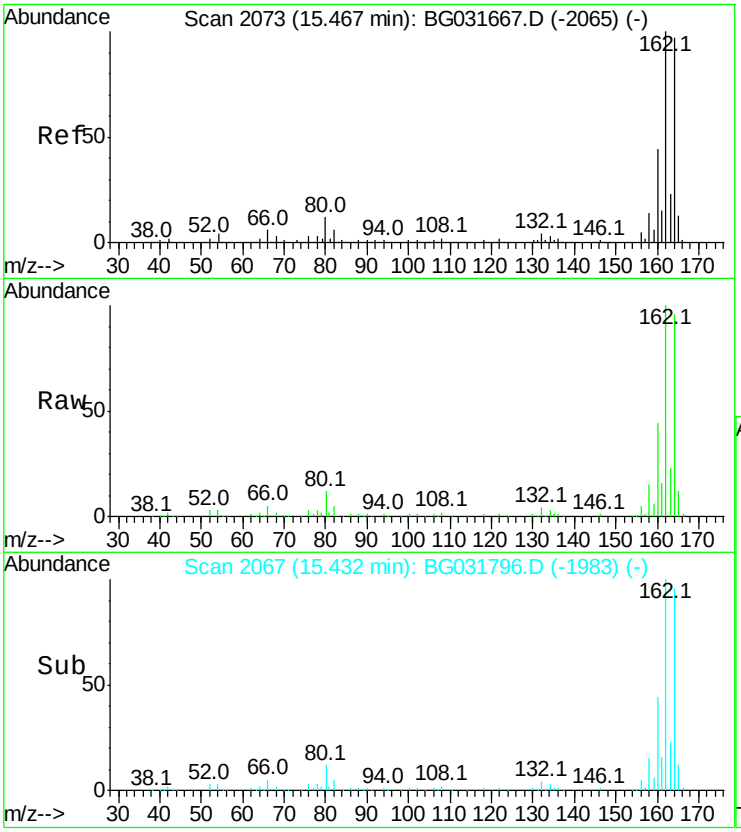


#23
Nitrobenzene-d5
Concen: 91.617 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BG031796.D
Acq: 27 Dec 2017 14:51

Tgt Ion: 82 Resp: 209502

Ion	Ratio	Lower	Upper
82	100		
128	51.7	29.7	44.5#
54	45.4	43.1	64.7



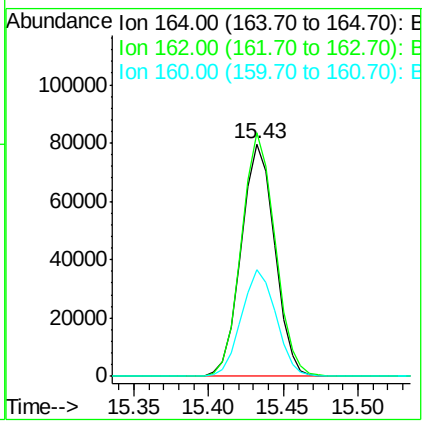


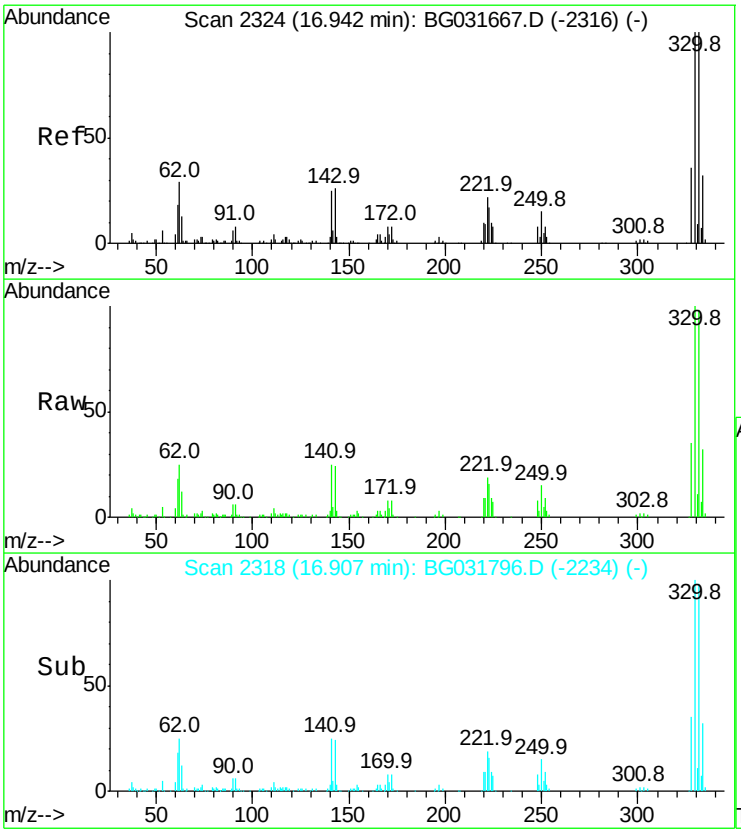
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031796.D
Acq: 27 Dec 2017 14:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 123819

Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.8	118.2
160	45.6	35.4	53.0

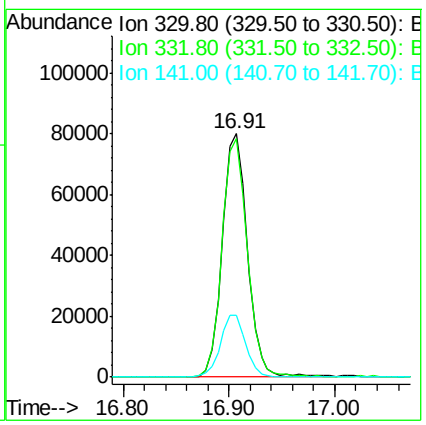


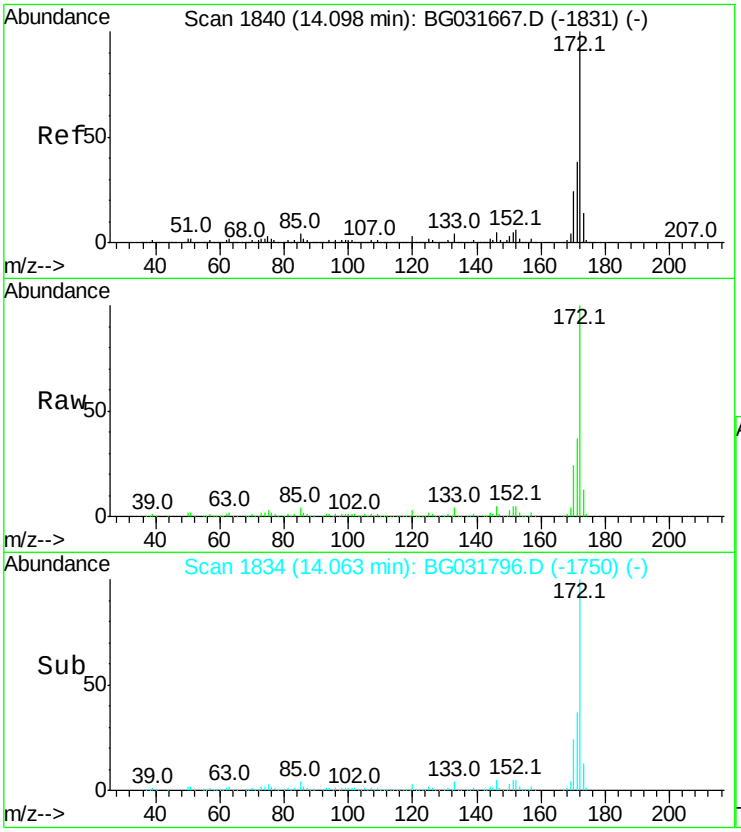


#41
2,4,6-Tribromophenol
Concen: 69.868 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.03 min
Lab File: BG031796.D
Acq: 27 Dec 2017 14:51

Tgt Ion:330 Resp: 132002

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.6
141	25.8	25.2	37.8



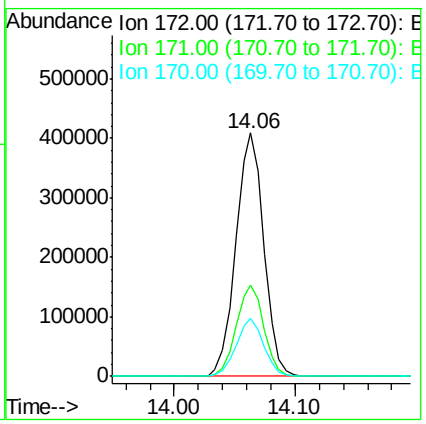


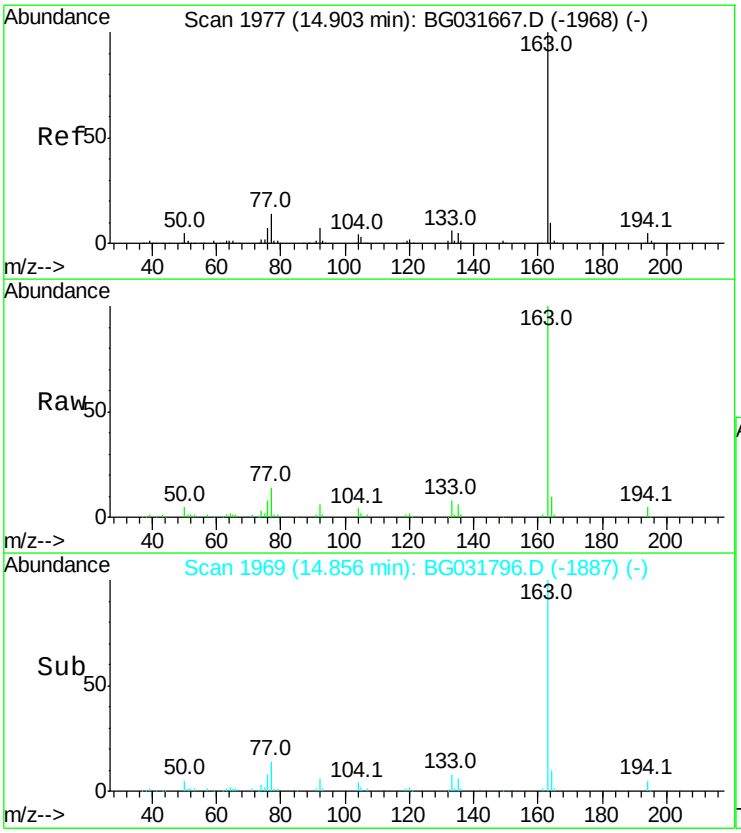
#44
2-Fluorobiphenyl
Concen: 66.426 ng
RT: 14.06 min Scan# 1834
Delta R.T. -0.03 min
Lab File: BG031796.D
Acq: 27 Dec 2017 14:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 655289

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.8	19.5	29.3

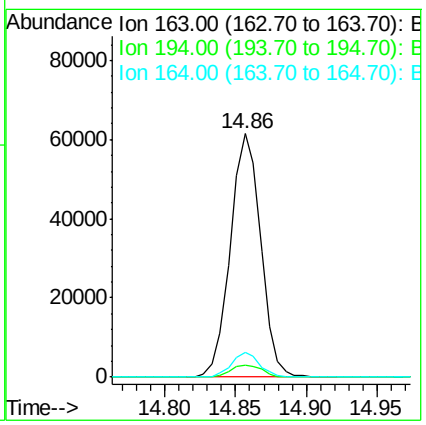


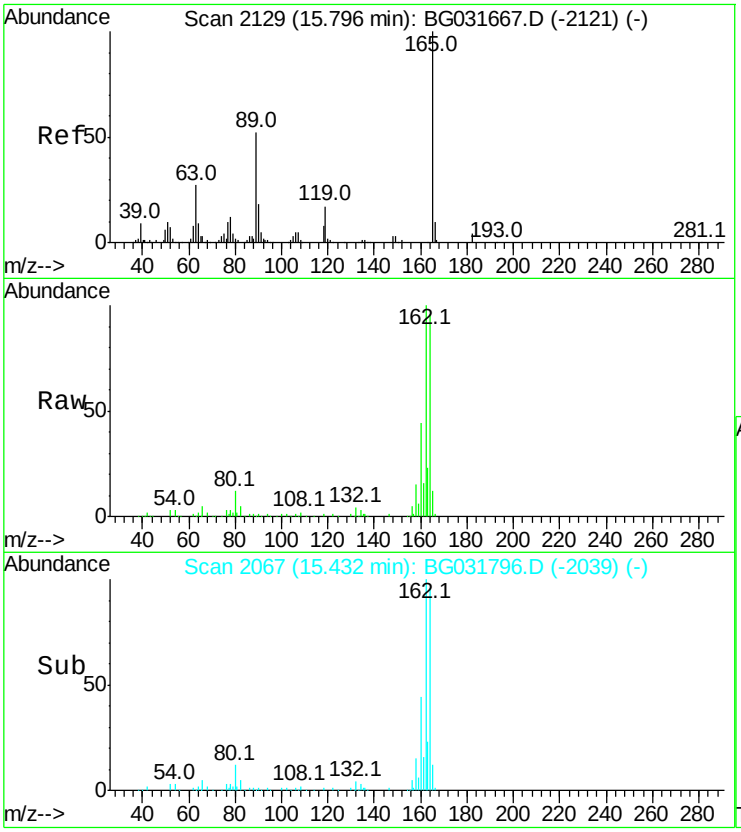


#49
Dimethylphthalate
Concen: 8.432 ng
RT: 14.86 min Scan# 1969
Delta R.T. -0.05 min
Lab File: BG031796.D
Acq: 27 Dec 2017 14:51

Tgt Ion:163 Resp: 91979

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.2	8.2	12.4



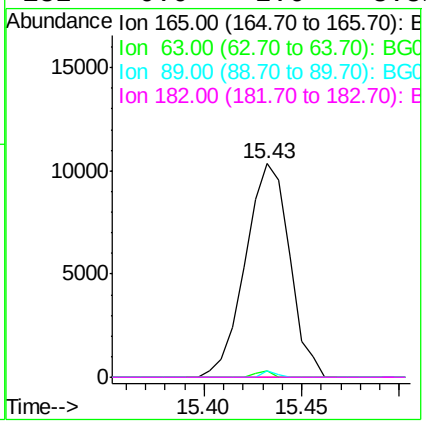


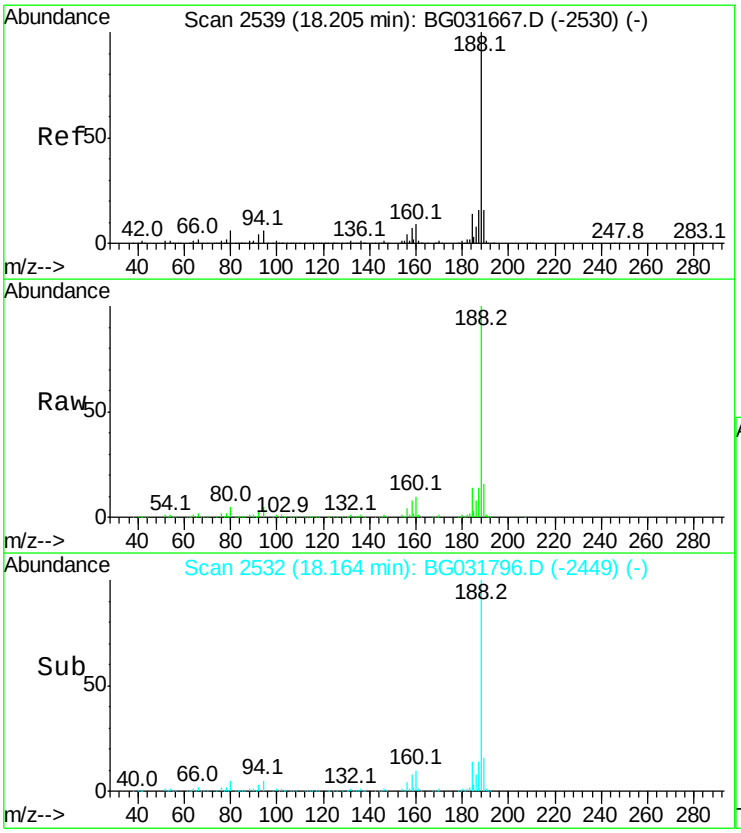
#56
2,4-Dinitrotoluene
Concen: 6.289 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.36 min
Lab File: BG031796.D
Acq: 27 Dec 2017 14:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16228

Ion	Ratio	Lower	Upper
165	100		
63	3.0	42.0	63.0#
89	2.8	66.9	100.3#
182	0.0	2.6	3.8#

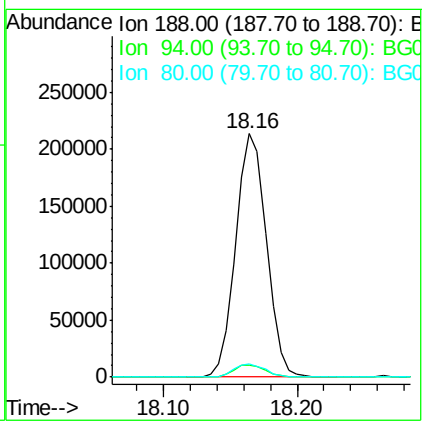


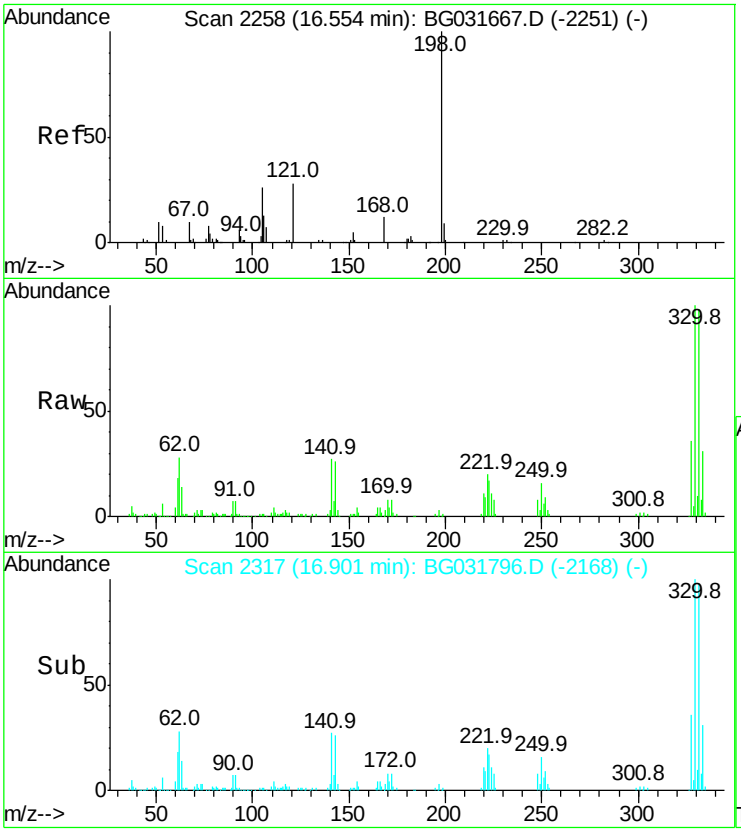


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031796.D
Acq: 27 Dec 2017 14:51

Tgt Ion:188 Resp: 339170

Ion	Ratio	Lower	Upper
188	100		
94	5.0	6.9	10.3#
80	5.5	7.7	11.5#



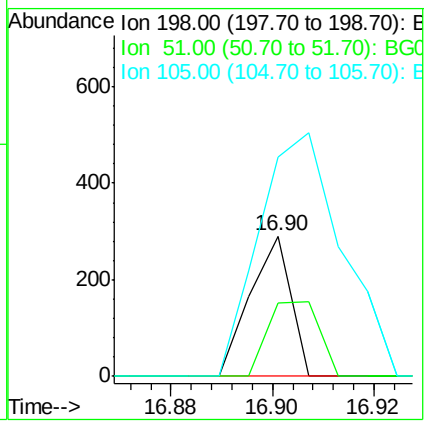


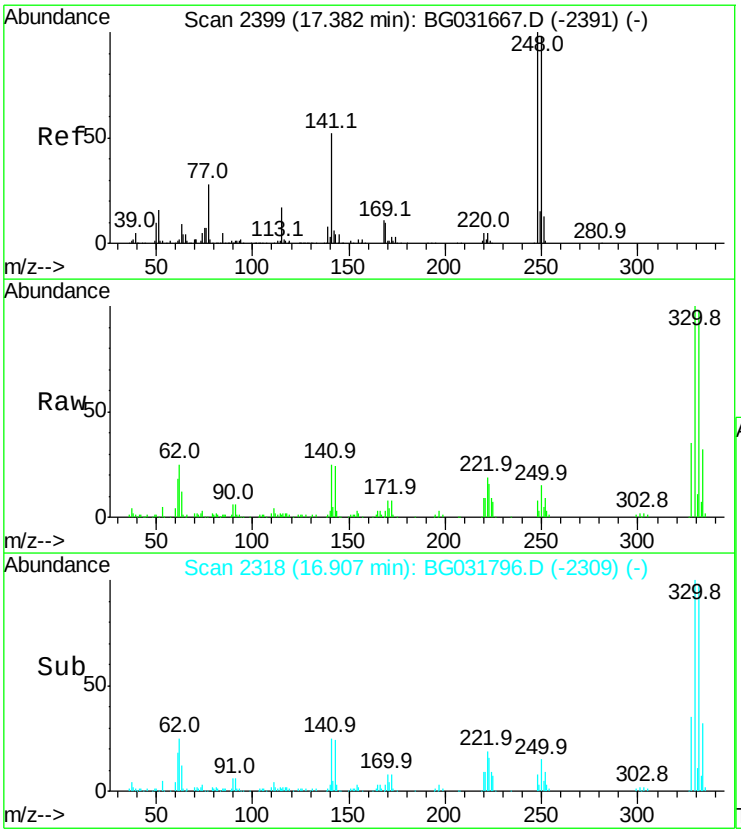
#64
4,6-Dinitro-2-methylphenol
Concen: 8.386 ng
RT: 16.90 min Scan# 2317
Delta R.T. 0.35 min
Lab File: BG031796.D
Acq: 27 Dec 2017 14:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 161

Ion	Ratio	Lower	Upper
198	100		
51	52.2	30.6	70.6
105	156.4	23.8	63.8#

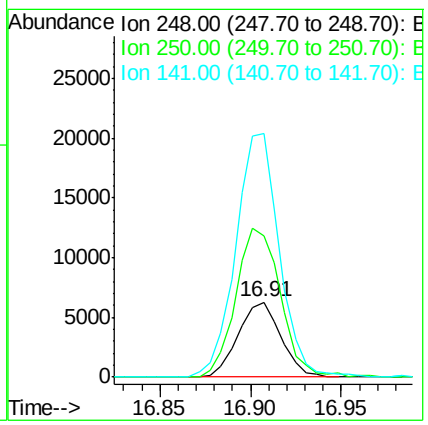


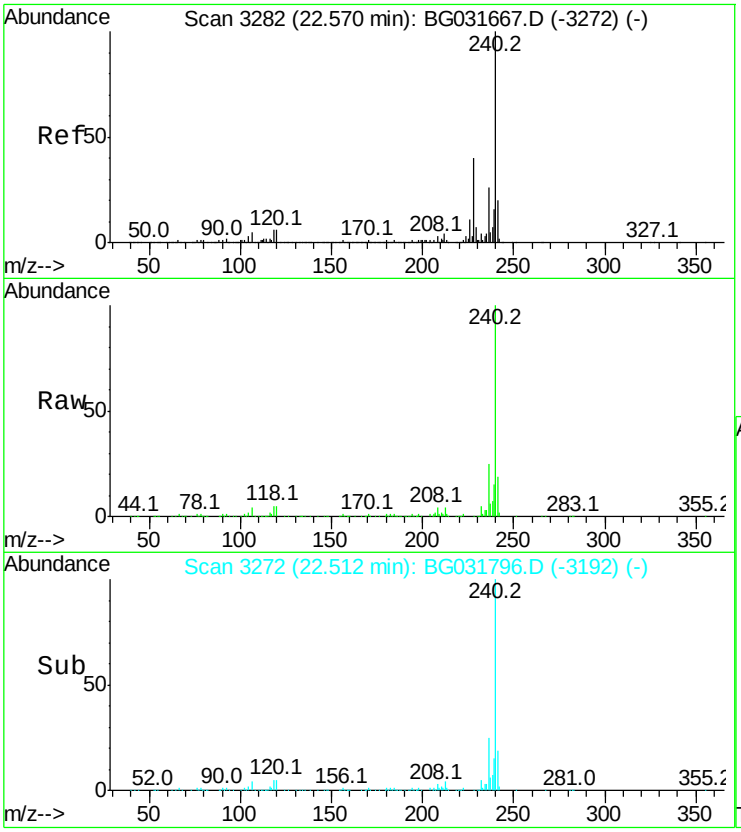


#66
4-Bromophenyl-phenylether
Concen: 2.078 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.48 min
Lab File: BG031796.D
Acq: 27 Dec 2017 14:51

Tgt Ion:248 Resp: 10194

Ion	Ratio	Lower	Upper
248	100		
250	189.0	77.1	115.7#
141	325.6	50.8	76.2#



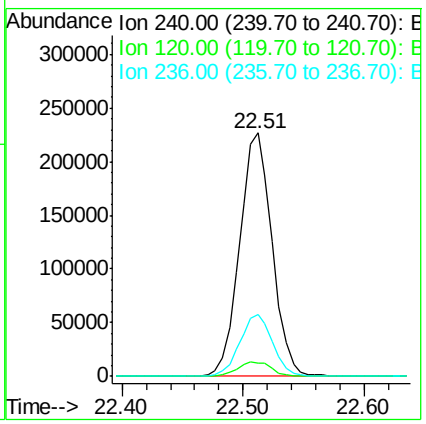


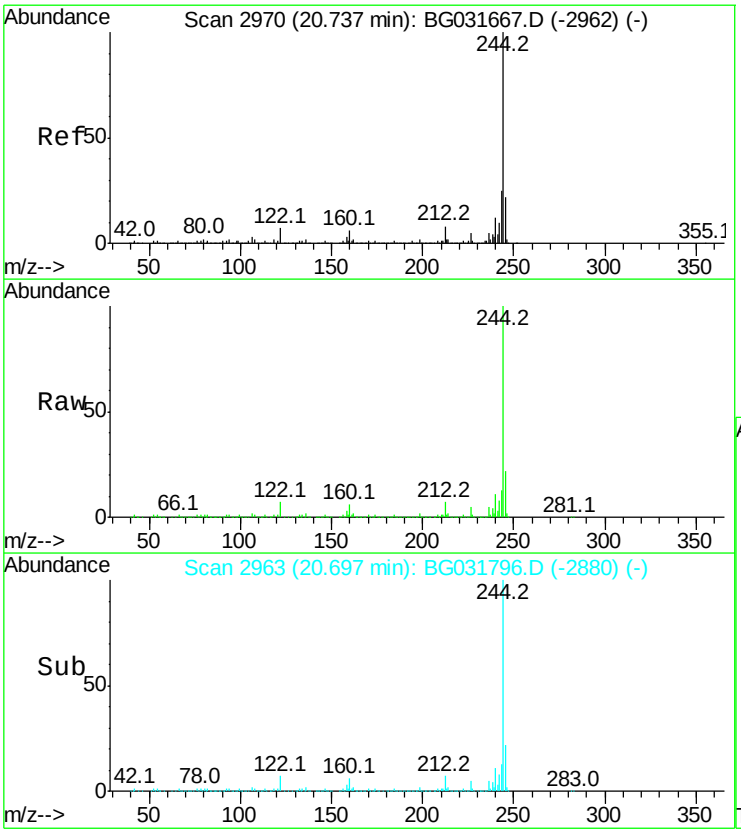
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031796.D
Acq: 27 Dec 2017 14:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 423893

Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.8	10.2#
236	25.2	20.9	31.3

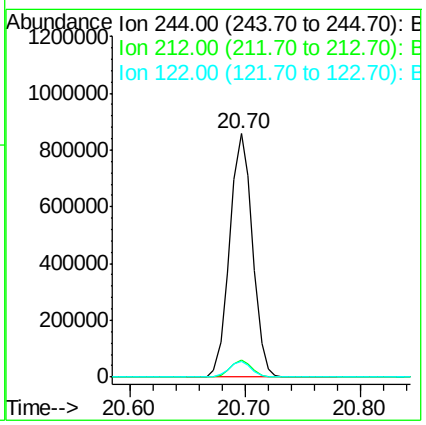


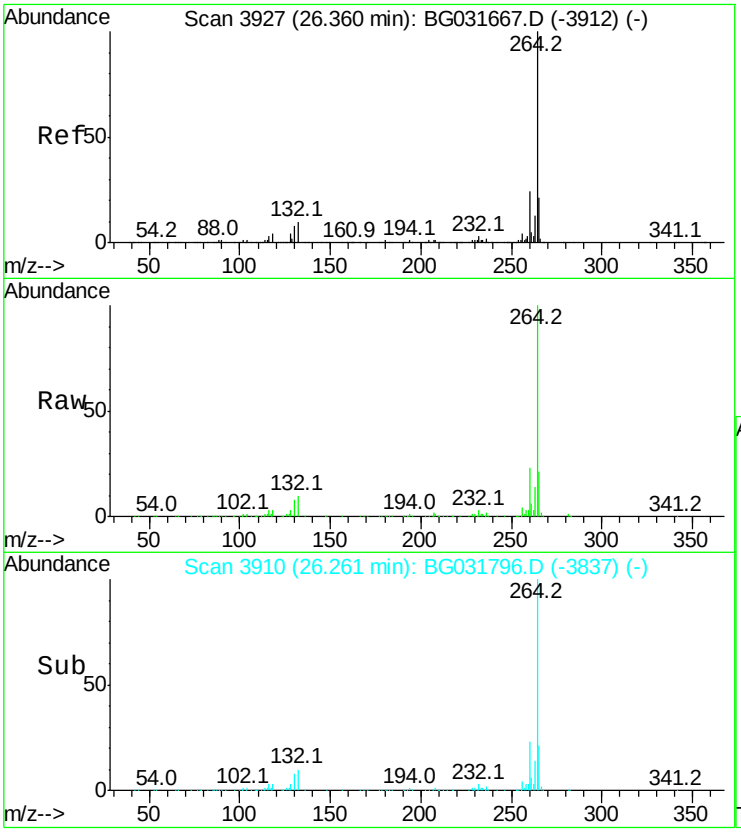


#78
Terphenyl-d14
Concen: 63.168 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.04 min
Lab File: BG031796.D
Acq: 27 Dec 2017 14:51

Tgt Ion:244 Resp: 1172024

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	6.5	7.0	10.4#

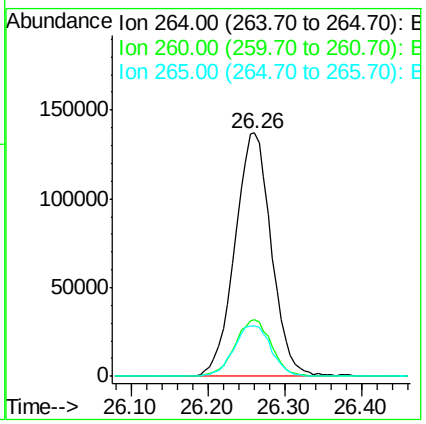




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.26 min Scan# 3910
Delta R.T. -0.10 min
Lab File: BG031796.D
Acq: 27 Dec 2017 14:51

Tgt Ion:264 Resp: 453230

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	20.6	17.7	26.5



Instrument :
BNA_G
ClientSampleId :